

Preferred Dates: July 17th - 21st

CLASS NAME: something tbd

DESCRIPTION: Combining the Technology and Arts in STEAM, this class teaches middle school youth how to use GIMP, the GNU Image Manipulation Program to graphically design a custom T-shirt.

GRADE LEVELS: 6-8

Resources needed:

- Venue
 - With chairs/tables would be nice
 - Also wi-fi/internet
- Computers/Laptops pre-installed with GIMP and mouses for each
 - How many needed is dependent on class capacity
- Projector and/or whiteboard
 - (Actually kinda needed/important)

Lesson Plan/Outline:

Mon - Thurs => 9 am to 3pm

Fri => 9 am to 12 pm

Day	Plan - Times are really loose
1	<ul style="list-style-type: none">● 9:00 - Icebreakers● 9:45 - Art/Design Intro● 11:30 - Lunch● 12:15 - GIMP Intro<ul style="list-style-type: none">○ Basic tools<ul style="list-style-type: none">■ Layering■ Paintbrush■ Pencil■ Eraser■ Airbrush■ Colors - RGB● 1:45 - Break● 1:50 - GIMP Intro Mini Project<ul style="list-style-type: none">○ Make a Canvas 640 x 400 pixels○ Use tools that were learned to create a painting of a landscape that uses○ Export as a .png
2	<ul style="list-style-type: none">● 9:10 - GIMP Adv. Lesson<ul style="list-style-type: none">○ Layering<ul style="list-style-type: none">■ Background/Foreground○ Select/Float tools○ Rotate/Move/Scale/Text

	<ul style="list-style-type: none"> • 11:30 - Lunch • 12:15 - The Great Hedgehog Challenge <ul style="list-style-type: none"> ◦ Have kids “insert” through layers a hedgehog into something • HW: Begin Brainstorming for t-shirt???
3	<ul style="list-style-type: none"> • 9:10 - Project Rephrase <ul style="list-style-type: none"> ◦ Basically retell the plan for the project • 9:30 Work Time/Question Time
4	<ul style="list-style-type: none"> • 9:10 - Work Time/Question Time • 2:30- Begin to finalize designs and export!
5	<ul style="list-style-type: none"> • 9:10 - Free GIMP Time • 10:00 - “Exhibition of Learning” (w/ parents ?) <ul style="list-style-type: none"> ◦ T-shirt giveaway (hopefully) ◦ Rocket pops • 11:45 - Final Dayyy <ul style="list-style-type: none"> ◦ Survey?

For delivery of t-shirt designs: Collect contact information from every kid or have everyone come back a week or two later for a final activity, so everyone would get their shirts at the same time?